If you are using a printed copy of this procedure, and not the on-screen version, then you <u>MUST</u> make sure the dates at the bottom of the printed copy and the on-screen version match.

The on-screen version of the Collider-Accelerator Department Procedure is the Official Version.

Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ

Training Office, Bldg. 911A.

#### C-A OPERATIONS PROCEDURES MANUAL

#### **ATTACHMENT**

### 4.120.10.b 10 O'Clock (PEER 15) Gate Tests

C-A-OF	PM Procedures in w	which this Attachmen	t is used.
4.120.10	)		
	Hand Proce	essed Changes	
HPC No.	<u>Date</u>	Page Nos.	<u>Initials</u>
	Approved:	Signature on F	ile
		er-Accelerator Depar	

# 4.120.10.b 10 O'Clock (PEER 15) Gate Tests

## PASS ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title:	Checksum:
Division B Software Filename and Checksum: Title:	Checksum:
Initial testing complete:	
Test Team Leader's Name (Print):	Life Number:
Test Team Leader's Name (Sign):	Date:/
Acceptance test procedure complete (following repairs and retesting if require	<u>red</u> ):
Test Team Leader's Name (Print):	Life Number:
Test Team Leader's Name (Sign):	Date://
Test results reviewed by:	
Safety Section Head's Name (Print):	Life Number:
Safety Section Head's Name (Sign):	Date://
Test results accepted by Radiation Safety Committee:	
RSC Member's Name (Print):	Life Number:
RSC Member's Name (Sign):	Date://

## 1.1 CONDUCT Visual check on Peer 15 gates following Table-1, below

	Micro	Switch	Elec	Gate		<b>Gate Functions</b>		Verify	Inspn	
Gate	Align	Opern	Wiring	Box	Lights	Open	Self- Closing	Latch	all x's Corr.	O.K. Init.
9GS11I										
9GS11O										
9EL1										
9GI1										
9ED1										
10GE1										
10GI1I										
10GI10										
10EL1										
10ED1										
11GS1										

**Legend:** Tick = O.K. x = Problem N/A = Not Applicable

**Table 1: Summary of Physical Inspection of Peer 15 Gates** 

#### 1.2 Test INNER GATE at 9GS1:

VERIFY	Gate has been inspected	
PLACE	PEER 17 in Restricted Access (Mode 8)	
VERIFY	PEER 17 is in Restricted Access	MODE 8
PLACE	PEER 15 in Controlled Access (MODE 16)	
VERIFY	PEER 15 is in Controlled Access	<b>MODE 16</b>
VERIFY	The warning lights and <b>LED message</b> on both sides	
	of the gate indicate: Stop Call MCR for Access –	ON
	ext 7400 Stop	
OPEN	The gate	
VERIFY	MCR sees the gate is	OPEN
HOLD	Both of the PEER 15 gate micro switches	MADE
VERIFY	MCR sees the gate is	CLOSED
RELEASE	Div A PEER 15 micro switch	
VERIFY	MCR indicates <b>Div A</b>	OPEN
HOLD	Both of the PEER 15 gate micro switches	MADE
VERIFY	MCR sees the gate is	CLOSED
RELEASE	Div B PEER 15 micro switch	
VERIFY	MCR indicates <b>Div B</b>	OPEN
CLOSE	The gate	
VERIFY	MCR sees the gate is	CLOSED
VERIFY	The <b>9Z1</b> gate box Gate Reset light is	OFF

	RESET	The gate with #15 RC Sweep key at <b>9Z1</b> inner gate	
	VERIFY	box MCR sees the gate is	RESET
	VERIFY OPEN	The <b>9Z1</b> gate box Gate Reset light is The gate	ON
	VERIFY	MCR sees the gate is	OPEN
	VERIFY CLOSE	The <b>9Z1</b> gate box Gate Reset light is The gate	OFF
	PLACE VERIFY	PEER 15 in Controlled Access (MODE 17) PEER 15 is in Controlled Access	MODE 17
	VERIFY	The warning lights and <b>LED message</b> on both sides	MODE 17
		of the gate indicate:  Stop Call MCR for Access – ext 7400 Stop	ON
			ON
	PLACE VERIFY	PEER 15 in Restricted Access (Mode 8) PEER 15 is in Restricted Access	MODE 8
	VERIFY	The warning lights and <b>LED message</b> on both sides	MODE
		of the gate indicate:  Access Permitted	ON
		Access I crimited	OI
	PLACE VERIFY	PEER 15 in Safe Access (Mode 2) PEER 15 is in Safe Access	MODE 2
	VERIFY	The warning lights and <b>LED message</b> on both sides	MODE 2
		of the gate indicate:  Stop Call MCR for Access – ext 7400 Stop	ON
	☐ <b>CHECK</b> for	test acceptance of INNER GATE at 9GS1	OIV
Test	t OUTER GAT	E at 9GS1:	
Test	PLACE	PEER 15 in Controlled Access (MODE 16)	
	PLACE VERIFY	PEER 15 in Controlled Access (MODE 16) PEER 15 is in Controlled Access	MODE 16
	PLACE	PEER 15 in Controlled Access (MODE 16) PEER 15 is in Controlled Access The warning lights on both sides of the gate indicate:	MODE 16 ON
	PLACE VERIFY VERIFY	PEER 15 in Controlled Access (MODE 16) PEER 15 is in Controlled Access The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	
	PLACE VERIFY	PEER 15 in Controlled Access (MODE 16) PEER 15 is in Controlled Access The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is	
	PLACE VERIFY VERIFY OPEN VERIFY HOLD	PEER 15 in Controlled Access (MODE 16) PEER 15 is in Controlled Access The warning lights on both sides of the gate indicate:  CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is Both of the PEER 15 gate micro switches	ON OPEN MADE
	PLACE VERIFY VERIFY OPEN VERIFY HOLD VERIFY RELEASE	PEER 15 in Controlled Access (MODE 16) PEER 15 is in Controlled Access The warning lights on both sides of the gate indicate:  CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is Both of the PEER 15 gate micro switches MCR sees the gate is Div A PEER 15 micro switch	ON OPEN MADE CLOSED
	PLACE VERIFY VERIFY OPEN VERIFY HOLD VERIFY RELEASE VERIFY	PEER 15 in Controlled Access (MODE 16) PEER 15 is in Controlled Access The warning lights on both sides of the gate indicate:  CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is Both of the PEER 15 gate micro switches MCR sees the gate is Div A PEER 15 micro switch MCR indicates Div A	ON  OPEN MADE CLOSED  OPEN
	PLACE VERIFY VERIFY OPEN VERIFY HOLD VERIFY RELEASE	PEER 15 in Controlled Access (MODE 16) PEER 15 is in Controlled Access The warning lights on both sides of the gate indicate:  CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is Both of the PEER 15 gate micro switches MCR sees the gate is Div A PEER 15 micro switch	ON OPEN MADE CLOSED
	PLACE VERIFY VERIFY OPEN VERIFY HOLD VERIFY RELEASE VERIFY HOLD VERIFY RELEASE	PEER 15 in Controlled Access (MODE 16) PEER 15 is in Controlled Access The warning lights on both sides of the gate indicate:  CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is Both of the PEER 15 gate micro switches MCR sees the gate is Div A PEER 15 micro switch MCR indicates Div A Both of the PEER 15 gate micro switches MCR sees the gate is Div B PEER 15 micro switch	ON  OPEN MADE CLOSED  OPEN MADE CLOSED
	PLACE VERIFY VERIFY OPEN VERIFY HOLD VERIFY RELEASE VERIFY HOLD VERIFY	PEER 15 in Controlled Access (MODE 16) PEER 15 is in Controlled Access The warning lights on both sides of the gate indicate:  CALL MCR FOR CROSSOVER AMBER The gate MCR sees the gate is Both of the PEER 15 gate micro switches MCR sees the gate is Div A PEER 15 micro switch MCR indicates Div A Both of the PEER 15 gate micro switches MCR sees the gate is	ON  OPEN MADE CLOSED  OPEN MADE

CHECK for test acceptance of OUTER GATE at 9GS1

1.3

#### 1.4 Test ESCAPE DOOR at 9EL1:

VERIFY	Gate has been inspected	
VERIFY	The door cannot be opened from	OUTSIDE
<b>VERIFY</b>	PEER 17 is in Restricted Access	MODE 8
PLACE	PEER 15 in Controlled Access (MODE 16)	
<b>VERIFY</b>	PEER 15 is in Controlled Access	<b>MODE 16</b>
OPEN	The door	
<b>VERIFY</b>	MCR sees the door is	OPEN
SECURE	The Security Bar micro switch	MADE
HOLD	Both of the door micro switches	MADE
VERIFY	MCR sees the gate is	CLOSED
RELEASE	Div A door micro switch	
VERIFY	MCR indicates <b>Div A</b>	OPEN
HOLD	Both of the door micro switches	MADE
VERIFY	MCR sees the gate is	CLOSED
RELEASE	Div B door micro switch	
VERIFY	MCR indicates <b>Div B</b>	OPEN
HOLD	Both of the door micro switches	MADE
VERIFY	MCR sees the door is	CLOSED
RELEASE	The Security Bar micro switch	
VERIFY	MCR sees the door is	OPEN
CLOSE	The door and latch the Security Bar	
VERIFY	The <b>9EL1</b> Door Reset light is	OFF
RESET	The Door with #15 RC Sweep key at 9EL1 gate box	
VERIFY	MCR sees the <b>9EL1</b> door is	RESET
VERIFY	The <b>9EL1</b> Door Reset light is	ON
OPEN	The door	
VERIFY	MCR sees the door is	OPEN
VERIFY	The <b>9EL1</b> gate box Gate Reset light is	OFF
CLOSE	The door	
VERIFY	MCR sees the door is	CLOSED
VERIFY	The <b>9EL1</b> gate box Gate Reset light is	OFF

#### ☐ CHECK for test acceptance of ESCAPE DOOR at 9EL1

#### 1.5 Test of INNER GATE at 9GI1

VERIFY	INNER Gate at 9GI1 has been inspected	
VERIFY	PEER 17 is in Restricted Access	MODE 8
PLACE	PEER 15 in Controlled Access (MODE 16)	
VERIFY	PEER 15 is in Controlled Access	<b>MODE 16</b>
<b>VERIFY</b>	The warning lights and LED message: Stop Call	
	MCR for Access X-7400 Stop on 9Z1 side of the	ON
	gate is	
VERIFY	The <b>10Z1</b> gate box <b>Controlled Access</b> light is	ON
OPEN	Gate 9GI1 with Simultaneous Release and #14	
	CA Key	
VERIFY	Simultaneous Release Buzzer	SOUNDS
<b>VERIFY</b>	Gate <b>9GI1</b> is	OPEN
VERIFY	MCR sees the gate is	OPEN

	SECURE HOLD	The Electric Strike micro switch Both of the gate micro switches	MADE MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE VERIFY	Div A micro switch MCR indicates <b>Div A</b>	OPEN
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
_	RELEASE	Div B micro switch	OPEN
	VERIFY HOLD	MCR indicates <b>Div B</b> Both of the gate micro switches	OPEN MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	The Electric Strike micro switch	CLOSED
	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
	VERIFY	MCR sees the gate is	CLOSED
	VERIFY	The <b>10Z1</b> gate box Gate Reset light is	OFF
	RESET	The gate with #15 RC Sweep key at 10Z1 inner gate box	
	VERIFY	MCR sees the gate is	RESET
	VERIFY	The <b>10Z1</b> gate box Gate Reset light is	ON
	OPEN	The gate	
	VERIFY	MCR sees the gate is	OPEN
	VERIFY	The <b>10Z1</b> gate box Gate Reset light is	OFF
	CLOSE	The gate	
	PLACE	PEER 15 in Controlled Access (MODE 17)	
	VERIFY	PEER 15 is in Controlled Access	MODE 17
	VERIFY VERIFY	The <b>10Z1</b> gate box <b>Controlled Access</b> light is The warning lights and LED message: <b>Stop Call</b>	ON
	VERIF I	MCR for Access X-7400 Stop on 9Z1 side of the	ON
	OPEN	gate is Gate <b>9GI1</b> from <b>10Z1</b> with the <b>#14</b> RC CA key	
	OLEN	and Simultaneous Release	
	<b>VERIFY</b>	Gate <b>9GI1</b> is	OPEN
	CLOSE	Gate 9GI1	
	PLACE	PEER 15 in Restricted Access (Mode 8)	
	<b>VERIFY</b>	PEER 15 is in Restricted Access	MODE 8
	VERIFY	The 10Z1 gate box Restricted Access light is	ON
	VERIFY	The warning lights and LED message: Access	O.V.
	VEDIEV	<b>Permitted</b> is Attempt to <b>open</b> gate <b>9GI1</b> with <b>S</b> key is	ON SUCCESSFUL
	VERIFY VERIFY	Attempt to <b>open</b> Gate <b>9GI1</b> with <b>#14 RC CA</b> key	SUCCESSFUL
	V EXXII 1	is	SCCCESSI CE
	VERIFY	Attempt to open 9GI1 with Blue card	SUCCESSFUL
	VERIFY	Attempt to open <b>9GI1</b> with <b>Expt.</b>	FAIL
	X/DDIDX/	card  During attempt with Event Cord Booder light is	DED
	VERIFY	<b>During</b> attempt with <b>Expt. Card</b> Reader <b>light</b> is	RED
	PLACE	PEER 15 in Safe Access (Mode 2)	
	VERIFY	PEER 15 is in Safe Access	MODE 2

		VERIFY	The 10Z1 gate box Controlled Access light is	ON
		VERIFY	The warning lights and LED message: <b>Stop Call MCR for Access X-7400 Stop</b> on <b>9Z1</b> side of the	ON
		OPEN	gate is Gate 9GI1 with Simultaneous Release and S Key	
		VERIFY	Attempt to open gate 9GI1 with Simultaneous	
	_		Release and S Key	<b>FAIL</b>
		OPEN	Gate 9GI1 with Simultaneous Release and #14	
			CA Key	
		VERIFY	Gate <b>9GI1</b> is	OPEN
		CLOSE	Gate 9GI1	
		CHECK	for test acceptance of INNER GATE at 9GI1	
1.6	Test	OUTER GAT		
		PLACE	PEER 15 in Controlled Access (MODE 16)	
		VERIFY	PEER 15 is in Controlled Access	MODE 16
		VERIFY	The warning lights on <b>both sides</b> of the gate	
			indicate:	ON
			CALL MCR FOR CROSSOVER AMBER	
		OPEN	The gate	
		VERIFY	MCR sees the gate is	OPEN
		SECURE	The Electric Strike micro switch	MADE
		HOLD	Both of the gate micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	Div A micro switch	
		VERIFY	MCR indicates <b>Div A</b>	OPEN
		HOLD	Both of the gate micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	Div B micro switch	
		<b>VERIFY</b>	MCR indicates <b>Div B</b>	OPEN
		HOLD	Both of the gate micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	The Electric Strike micro switch	
		VERIFY	MCR sees the gate is	OPEN
		CLOSE	The gate	
		<b>VERIFY</b>	MCR sees the gate is	
		CHECK	for test acceptance of OUTER GATE at 9GI1	
			*	

#### 1.7 Test of EXIT DOOR 9ED1

VERIFY	Gate has been inspected	
<b>VERIFY</b>	The door cannot be opened from	OUTSIDE
<b>VERIFY</b>	PEER 17 is in Restricted Access	MODE 8
PLACE	PEER 15 in Controlled Access (MODE 16)	
<b>VERIFY</b>	PEER 15 is in Controlled Access	<b>MODE 16</b>
<b>VERIFY</b>	The warning light <b>inside</b> the gate indicates:	
	CALL MCR FOR EXIT AMBER	ON
OPEN	The door	
VERIFY	MCR sees the door is	OPEN
HOLD	Both of the door micro switches	MADE
VERIFY	MCR sees the door is	CLOSED
RELEASE	Div A door micro switch	
VERIFY	MCR indicates <b>Div A</b>	OPEN
HOLD	Both of the door micro switches	MADE
VERIFY	MCR sees the door is	CLOSED
RELEASE	Div B door micro switch	
VERIFY	MCR indicates <b>Div B</b>	OPEN
CLOSE	The door	
VERIFY	MCR sees the door is	CLOSED
VERIFY	The <b>9ED1</b> Door Reset light is	OFF
RESET	The Door with #15 RC Sweep key at 9ED1 gate	
	box	
VERIFY	MCR sees the <b>9ED1</b> door is	RESET
VERIFY	The <b>9ED1</b> Door Reset light is	ON
OPEN	The door	
VERIFY	MCR sees the door is	OPEN
VERIFY	The <b>9ED1</b> gate box Gate Reset light is	OFF
CLOSE	The door	

#### ☐ CHECK for test acceptance of ESCAPE DOOR at 9ED1

#### 1.8 Test of ENTRY GATE at 10GE1

VERIFY	Entry Gate at 10GE1 has been inspected	
VERIFY	PEER 17 is in Restricted Access	MODE 8
PLACE	PEER 15 in Controlled Access (MODE 16)	
VERIFY	PEER 15 is in Controlled Access	<b>MODE 16</b>
VERIFY	The warning lights and LED message: Stop Call	
	MCR for Access X-7400 Stop on inside of the gate	ON
	is	
VERIFY	The Exterior gate box Controlled Access light is	ON
OPEN	Gate 10GE1 with Simultaneous Release and #14	
	CA Key	
VERIFY	Simultaneous Release Buzzer	SOUNDS
VERIFY	Gate 10GE1 is	OPEN
VERIFY	MCR sees the gate is	OPEN
<b>SECURE</b>	The Electric Strike micro switch	MADE
HOLD	Both of the gate micro switches	MADE
VERIFY	MCR sees the gate is	CLOSED

	RELEASE VERIFY	Div A micro switch MCR indicates <b>Div A</b>	OPEN
	HOLD	Both of the gate micro switches	MADE CLOSED
	VERIFY RELEASE	MCR sees the gate is Div B micro switch	CLOSED
	VERIFY	MCR indicates <b>Div B</b>	OPEN
	HOLD	Both of the gate micro switches	MADE
	VERIFY RELEASE	MCR sees the gate is The Electric Strike micro switch	CLOSED
	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
	VERIFY	MCR sees the gate is	CLOSED
	RESET VERIFY	The gate from MCR MCR sees gate	RESET
ш	PLACE	PEER 15 in Restricted Access (MODE 17)	KESE1
	VERIFY	PEER 15 is in Restricted Access	<b>MODE 17</b>
	VERIFY	The Exterior gate box Restricted Access light is	ON
	VERIFY	The warning lights and <b>LED</b> message: <b>Access Permitted</b> is	ON
	OPEN	Gate <b>10GE1</b> from gate box with the <b>S</b> key	ON
	VERIFY	Gate 10GE1 is	OPEN
	OPEN	Gate 10GE1 with the #14 RC CA key	ODEN
	VERIFY CLOSE	Gate 10GE1 is Gate 10GE1	OPEN
	PLACE	PEER 15 in Restricted Access (Mode 8)	
	VERIFY	PEER 15 is in Restricted Access	MODE 8
	VERIFY	The Exterior gate box Restricted Access light is	ON
	VERIFY	The warning lights and LED message: Access Permitted is	ON
	VERIFY	Attempt to <b>open</b> gate <b>10GE1</b> with <b>S</b> key is	SUCCESSFUL
	VERIFY	Attempt to open Gate 10GE1 with #14 RC CA key	SUCCESSFUL
_	Y/EDIEY/	is	GLIGGEGGELII
	VERIFY VERIFY	Attempt to open 10GE1 with Blue card is Attempt to open gate 10GE1 with Phobos card is	SUCCESSFUL SUCCESSFUL
	VERIFY	Attempt to open 10GE1 with 1 hobbs card is Attempt to open 10GE1 with any other Expt.	Seccessive
_		Card:	FAIL
	VERIFY	During attempt with Expt. Card Reader light is	RED
	PLACE VERIFY	PEER 15 in Safe Access (Mode 2) PEER 15 is in Safe Access	MODE 2
	VERIFY	The Exterior gate box Controlled Access light is	ON
	<b>VERIFY</b>	The warning lights and LED message: Stop Call	
		MCR for Access X-7400 Stop on 9Z1side of the	ON
	OPEN	gate is Gate 10GE1 with Simultaneous Release and S	
	OTEN	Key	
	VERIFY	Attempt to open gate 10GE1 with Simultaneous	
	OPEN	Release and S Key Gate 10GE1 with Simultaneous Release and #14	FAIL
	OFEN	CA Key	
	VERIFY	Gate 10GE1 is	OPEN
	CLOSE	Gate 10GE1	
	☐ CHECK f	or test acceptance of ENTRY GATE at 10GE1	

1.9		anner and Local Keytree located at gate 10GE1	
	PLACE VERIFY SCAN	PEER 7 in CA, Mode 16 PEER 7 is in CA Valid Personnel with Iris Scanner at gate	MODE 16
	VERIFY	10GE1 Valid Personnel is	RECOGNIZED
	VERIFY VERIFY	First PHOBOS key in Local keytree at 10GE1 Attempt to enter 10GE1 with PHOBOS key	RELEASED
	VERIFI	and SR is	SUCCESSFUL
	SCAN VERIFY	Valid Personnel with Iris Scanner at 10GE1 Valid Personnel is	RECOGNIZED
	VERIFY	Attempt to release third PHOBOS key in Local keytree at 10GE1 is	UNSUCCESSFUL
	SCAN VERIFY	Valid Personnel with Iris Scanner at 10GE1 Valid Personnel is	RECOGNIZED
	VERIFY	Attempt to release second PHOBOS key in Local keytree at 10GE1	SUCCESSFUL
	VERIFY	Attempt to enter 10GE1 with second PHOBOS key and SR is	SUCCESSFUL
	REPLACE	First and second PHOBOS keys in local keytree at 10GE1	
	VERIFY	First <b>PHOBOS</b> key □ and Second <b>PHOBOS</b> key □	REPLACED
	PLACE VERIFY	PEER 7 in Controlled Access (XA), Mode 17 PEER 7 is in XA	MODE 17
	SCAN VERIFY	Valid Personnel with Iris Scanner at 10GE1 Valid Personnel is	RECOGNIZED
	VERIFY	First PHOBOS key in Local keytree 10GE1 remains	CAPTURED
	PLACE VERIFY	PEER 7 in Restricted Access (Mode 8) PEER 7 is in Restricted Access	MODE 8
	☐ Check for a 10GE1	cceptance of Test of Iris Scanner and Local Key	tree located at gate

#### 1.10 Test of INNER GATE at 10GI1

	VERIFY PLACE	INNER Gate at 10GI1 has been inspected PEER 15 in Controlled Access (MODE 16)	
	VERIFY	PEER 15 is in Controlled Access	MODE 16
	VERIFY	The warning lights and LED message: Stop Call	
		MCR for Access X-7400 Stop on 10Z2 side of the	ON
	VERIFY	gate is The 1071 gets how Controlled Aggest light is	ON
	OPEN	The <b>10Z1</b> gate box <b>Controlled Access</b> light is Gate <b>10GI1</b> with <b>Simultaneous Release</b> and <b>#14</b>	ON
	OLEN	CA Key	
	VERIFY	Simultaneous Release Buzzer	SOUNDS
	VERIFY	Gate 10GI1 is	OPEN
	VERIFY	MCR sees the gate is	OPEN
	SECURE	The Electric Strike micro switch	MADE
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div A micro switch	
	<b>VERIFY</b>	MCR indicates <b>Div A</b>	OPEN
	HOLD	Both of the gate micro switches	MADE
	<b>VERIFY</b>	MCR sees the gate is	CLOSED
	RELEASE	Div B micro switch	
	VERIFY	MCR indicates <b>Div B</b>	OPEN
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	The Electric Strike micro switch	
	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
	VERIFY	MCR sees the gate is	CLOSED
	VERIFY	The <b>10Z1</b> gate box Gate Reset light is	OFF
	RESET	The gate with #15 RC Sweep key at 10Z1 inner gate box	
	VERIFY	MCR sees the gate is	RESET
	<b>VERIFY</b>	The <b>10Z1</b> gate box Gate Reset light is	ON
	OPEN	The gate	
	<b>VERIFY</b>	MCR sees the gate is	OPEN
	<b>VERIFY</b>	The <b>10Z1</b> gate box Gate Reset light is	OFF
	CLOSE	The gate	
	PLACE	PEER 15 in Controlled Access (MODE 17)	
	VERIFY	PEER 15 is in Controlled Access	<b>MODE 17</b>
	VERIFY	The <b>10Z1</b> gate box <b>Controlled Access</b> light is	ON
	VERIFY	The warning lights and LED message: Stop Call	
		MCR for Access X-7400 Stop on 10Z2 side of the	ON
		gate is	
	OPEN	Gate 10GI1 from 10Z1 with the #14 RC CA key	
_	¥7151D ##3¥7	and Simultaneous Release	and and and a
	VERIFY	Attempt to open Gate 10GI1	SUCCESSFUL
_	OPEN	Gate 10GI1 with Blue Card	EAT
	VERIFY	Attempt to open Gate <b>10GI1</b> is	FAIL

	PLACE	PEER 15 in Restricted Access (Mode 8)	
	VERIFY	PEER 15 is in Restricted Access	MODE 8
	VERIFY	The 10Z1 gate box Restricted Access light is	ON
	VERIFY	The warning lights and LED message: Access	
		Permitted is	ON
	VERIFY	Attempt to <b>open</b> gate <b>10GI1</b> with <b>S</b> key is	SUCCESSFUL
	VERIFY	Attempt to open Gate 10GI1 with #14 RC CA	SUCCESSFUL
		key is	
	VERIFY	Attempt to open 10GI1 with Blue card	SUCCESSFUL
	VERIFY	Attempt to open <b>10GI1</b> with any	FAIL
		Expt card	
	VERIFY	<b>During</b> attempt with <b>Expt. Card</b> Reader <b>light</b> is	RED
	DI A CIE	DEED 15: (1.6.1	
_	PLACE	PEER 15 in Safe Access (Mode 2)	14000
	VERIFY	PEER 15 is in Safe Access	MODE 2
	VERIFY	The <b>10Z1</b> gate box <b>Controlled Access</b> light is	ON
	VERIFY	The warning lights and LED message: <b>Stop Call</b>	
		MCR for Access X-7400 Stop on 10Z2 side of	ON
		the gate is	
	OPEN	Gate 10GI1 with Simultaneous Release and S	
		Key	
	VERIFY	Attempt to open gate 10GI1 with Simultaneous	
		Release and S Key	FAIL
	OPEN	Gate 10GI1 with Simultaneous Release and #14	
		CA Key	
	VERIFY	Gate 10GI1 is	OPEN
	CLOSE	Gate 10GI1	

#### 

#### 1.11 Test OUTER GATE at 10GI1:

PLACE	PEER 15 in Controlled Access (MOD	E 16)	
<b>VERIFY</b>	PEER 15 is in Controlled Access		<b>MODE 16</b>
<b>VERIFY</b>	The warning lights on 10Z2 side of the	gate	
	indicate:		ON
	CALL MCR FOR CROSSOVER	<b>AMBER</b>	
OPEN	The gate		
<b>VERIFY</b>	MCR sees the gate is		OPEN
<b>SECURE</b>	The Electric Strike micro switch		MADE
HOLD	Both of the gate micro switches		MADE
<b>VERIFY</b>	MCR sees the gate is		CLOSED
RELEASE	Div A micro switch		
<b>VERIFY</b>	MCR indicates <b>Div A</b>		OPEN
HOLD	Both of the gate micro switches		MADE
<b>VERIFY</b>	MCR sees the gate is		CLOSED
RELEASE	Div B micro switch		
<b>VERIFY</b>	MCR indicates <b>Div B</b>		OPEN
HOLD	Both of the gate micro switches		MADE
VERIFY	MCR sees the gate is		CLOSED

RELEASE	The Electric Strike micro switch	
VERIFY	MCR sees the gate is	OPEN
CLOSE	The gate	
VERIFY	MCR sees the gate is	CLOSED
□ CHECK	for test acceptance of <b>OUTER GATE</b> at <b>10GI1</b>	

## 1.12 Test ESCAPE DOOR at 10EL1:

	VERIFY	Gate has been inspected	
	VERIFY	The door cannot be opened from	OUTSIDE
	VERIFY	PEER 17 is in Restricted Access	MODE 8
	PLACE	PEER 15 in Controlled Access (MODE 16)	
	VERIFY	PEER 15 is in Controlled Access	<b>MODE 16</b>
	OPEN	The door	
	VERIFY	MCR sees the door is	OPEN
	SECURE	The Security Bar micro switch	MADE
	HOLD	Both of the door micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div A door micro switch	
	VERIFY	MCR indicates <b>Div A</b>	OPEN
	HOLD	Both of the door micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div B door micro switch	
	VERIFY	MCR indicates <b>Div B</b>	OPEN
	HOLD	Both of the door micro switches	MADE
	VERIFY	MCR sees the door is	CLOSED
	RELEASE	The Security Bar micro switch	
	VERIFY	MCR sees the door is	OPEN
	CLOSE	The door and latch the Security Bar	
	VERIFY	The 10EL1 Door Reset light is	OFF
	RESET	The Door with #15 RC Sweep key at 10EL1 gate	
_	T/DDIDI	box	DECEM
	VERIFY	MCR sees the <b>10EL1</b> door is	RESET
	VERIFY	The <b>10EL1</b> Door Reset light is	ON
	OPEN	The door	OPEN
	VERIFY	MCR sees the door is	OPEN
	VERIFY	The <b>10EL1</b> gate box Gate Reset light is	OFF
	CLOSE	The door	

☐ CHECK for test acceptance of ESCAPE DOOR at 10EL1

1.13		Test of EXIT	DOOR 10ED1	
		VERIFY	Gate has been inspected	
	П	VERIFY	The door cannot be opened from	OUTSIDE
		VERIFY	PEER 17 is in Restricted Access	MODE 8
		PLACE	PEER 15 in Controlled Access (MODE 16)	
		<b>VERIFY</b>	PEER 15 is in Controlled Access	<b>MODE 16</b>
		VERIFY	The warning light <b>inside</b> the gate indicates: <b>CALL MCR FOR EXIT AMBER</b>	ON
		OPEN	The door	OIT
		VERIFY	MCR sees the door is	OPEN
		HOLD	Both of the door micro switches	MADE
	П	VERIFY	MCR sees the door is	CLOSED
		RELEASE	Div A door micro switch	020022
		VERIFY	MCR indicates <b>Div A</b>	OPEN
		HOLD	Both of the door micro switches	MADE
		VERIFY	MCR sees the door is	CLOSED
		RELEASE	Div B door micro switch	CLOSED
		VERIFY	MCR indicates <b>Div B</b>	OPEN
		CLOSE	The door	0121
		VERIFY	MCR sees the door is	CLOSED
		VERIFY	The <b>10ED1</b> Door Reset light is	OFF
		RESET	The Door with <b>#15 RC Sweep key</b> at <b>10ED1</b> gate	011
		RESET	box	
	П	VERIFY	MCR sees the <b>10ED1</b> door is	RESET
		VERIFY	The <b>10ED1</b> Door Reset light is	ON
	ш	OPEN	The door	011
	П	VERIFY	MCR sees the door is	OPEN
		VERIFY	The <b>10ED1</b> gate box Gate Reset light is	OFF
		CLOSE	The door	OII
	[	CHECK	for test acceptance of <b>ESCAPE DOOR</b> at <b>10ED1</b>	
1.14		Test INNER (	GATE at 11GS1:	
		VERIFY	Gate has been inspected	
		PLACE	PEER 13 in Restricted Access (Mode 8)	
		<b>VERIFY</b>	PEER 13 is in Restricted Access	MODE 8
		PLACE	PEER 15 in Controlled Access (MODE 16)	
		<b>VERIFY</b>	PEER 15 is in Controlled Access	<b>MODE 16</b>
		VERIFY	The warning lights and LED message: Stop Call	
			MCR for Access X-7400 Stop on both sides of the	ON
			gate are	
		OPEN	The gate	
		<b>VERIFY</b>	MCR sees the gate is	OPEN
		CLOSE	The gate	

CHECK for test acceptance of INNER GATE at 11GS1

The gate MCR sees the gate is

CLOSE **VERIFY** 

CLOSED

1.15	Test OUTER (	GATE at 11GS1:	
	PLACE VERIFY VERIFY OPEN VERIFY CLOSE VERIFY	PEER 15 in Controlled Access (MODE 16) PEER 15 is in Controlled Access The warning light on both sides of the gate indicates:         CALL MCR FOR CROSSOVER	MODE 16 ON OPEN CLOSED
		for test acceptance of OUTER GATE at 11GS1	
TTL: Sign for comp	oletion of initial t	END OF TEST PROCEDURE testing:	
			<i>!!</i>
TTL: Sign for comp	oletion of final te	Date:	